	Application No.	Applicant(s)
Notice of Allowability E		'' ''
	10/786,496 Examiner	KAMINSKI, GERHARD Art Unit
	- Examinor	/ Alt Gran
	Linh V. Nguyen	2819
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commits in the commits of the commits	n this application. If not included unication will be mailed in due course. THIS
1. This communication is responsive to <u>2/25/2004</u> .		
2. The allowed claim(s) is/are <u>1-15</u> .		
3. X The drawings filed on 25 February 2004 are accepted by the	ne Examiner.	
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application	on No
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give		
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1)	son's Patent Drawing Reviews. s Amendment / Comment o	r in the Office action of
each sheet. Replacement sheet(s) should be labeled as such in t		
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	SIT OF BIOLOGICAL MAT FOR THE DEPOSIT OF BIO	ERIAL must be submitted. Note the DLOGICAL MATERIAL.
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	6. ☐ Interview S Paper No.	nformal Patent Application (PTO-152) ummary (PTO-413), /Mail Date Amendment/Comment
Paper No./Mail Date4. Examiner's Comment Regarding Requirement for Deposit	8 M Evaminaria	Statement of Reasons for Allowance
of Biological Material	9. ☐ Other	
	с. <u>—</u> опы <u>—</u>	-

DETAILED ACTION

This office action is in response to application No. 10/786,496 filed on 02/25/04.

Claims 1 - 15 are pending on this application.

Allowable Subject Matter

- 1. Claims 1 15 are allowed.
- 2. The following is an examiner's statement of reasons for allowance:

With respect to claim 1, in addition to other elements in the claim, the prior art does not teach an apparatus for deriving an analog signal having first and second analog signals increasing in magnitude during each of the respective pulse-width modulated input signal.

With respect to claim 8, in addition to other elements in the claim, the prior art does not teach a control system having the ration of amplitude of the analog control signal to the pulse width of the pulse-width modulated signals is greater for larger pulse widths than for smaller pulse widths.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Prior Arts

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Michael Tokar can be reached at (571) 272-1812. The fax phone numbers for the organization where this application or proceeding is assigned are (703-872-9306) for regular communications and (703-872-9306) for After Final communications.

LVN

2/14/05

Michael Tokar Supervisory Patent Examiner Technology Center 2800

Mula J. Tokan